



URBAN DISTRICT
COUNCIL OF
KIRKBY-IN-ASHFIELD.

ANNUAL REPORT

ON THE WORK OF THE
PUBLIC HEALTH DEPARTMENT

For the year 1945.

M. E. KAYTON, D.P.H.

(Medical Officer of Health.)

I. M. MASSEY, M.S.I.A.

(Senior Sanitary Inspector and Superintendent of
Public Cleansing.)

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Kirkby-in-Ashfield Urban District Council.

Chairman :

J. A. MARSHALL, Esq. J.P.

Vice-Chairman :

MRS. A. JEFFRIES, C.C.

Councillors :

East Ward.

F. S. Arnold.
J. A. Marshall.
J. T. Portas.
G. A. Wyles.
A. Evans.
E. Hudson.
F. H. Green.

West Ward.

Mrs. A. Jeffries, c.c.
E. J. Ley.
P. S. Sargent.
J. Dobb.
A. Shaw.

South Ward.

A. Eggleshaw.
J. W. Aldridge
A. Green.
E. W. Ashley.
C. A. Hauxwell.

Clerk :

F. Bowmar.

Medical Officer of Health :

M. E. KAYTON, D.P.H.

Senior Sanitary Inspector & Superintendent of Public Cleansing :

I. M. MASSEY, M.S.I.A.

Assistant Sanitary Inspector :

Vacant.

Surveyor :

L. DODSLEY.

Water Manager :

L. LEIVERS.

Rating Valuation Officer :

P. CUPIT.

Gas Department :

L. JAMES	....	....	Office Manager.
W. VINCENT	....	....	Works Manager.

Health Visitors :

Miss F. E. TIDESWELL, S.R.N., S.C.M., & H.V.
Miss F. BRADLEY, S.R.N., S.C.M., & H.V.

REPORT.

To the Chairman and Members of the Kirkby-in-Ashfield Urban District Council.

MR. CHAIRMAN, MADAM, AND GENTLEMEN,

I have pleasure of submitting to you my Thirty-second Annual Report on the Health and Sanitary conditions of the district.

The report will contain the main statistical information and will be a careful survey of the health conditions in the district.

Section A.

Statistics and Social Conditions of the Area.

Area (Acres)	....	....	....	....	....	5,831
Population (Census 1931)			....	....	....	17,798
Estimated population (mid-year 1945)	....			....	....	18,110
Number of inhabited houses 1945			....	....	....	5,337
Rateable Value (Nett)	....	....	....	....	....	£77,498
Estimated product of penny rate			....	....	....	£293

Occupied Houses—

	East Ward.	West Ward.	South Ward.	Total.
	2298	1880	1169	5347
Population—				
	7740	6383	3987	18110

The principal occupation of the inhabitants is Coal Mining, the remainder are largely occupied as Railway workers, Hosiery operatives, and in Farming. To these may now be added a number engaged in Road Transport.

Births.

Live Births.	Male.		Female.		Total.
Legitimate	170	....	184	....	354
Illegitimate	16	....	6	....	22

Still-Births.					
Legitimate	8	....	9	....	17
Illegitimate	3	....	0	....	3

Birth-rate per 1,000 of the population 21.8

Deaths.	Male.		Female.		Total.
	119	....	85	....	204
Death-rate per 1,000 of the population		....		....	11.2

No. of women dying in, or in consequence of child-birth :—

From Puerperal Sepsis	....	....	....	Nil
From Other Causes	....	....	....	Nil

Total deaths of Infants under 1 year	....	....	18
Total death-rate per 1,000 live births	....		47.8
Deaths from Cancer (all ages)	....	....	27
Deaths from Measles (all ages)	....	....	2
Deaths from Whooping Cough (all ages)	....		1
Deaths from Diarrhoea (under 2 years of age)			2

Births and Birth-Rate.

The total number of births registered during the year was 396, 197 males and 199 females. Of these, there were 25 illegitimates, 19 males and 6 females. There were 376 live births and 20 still-births. This gives a birth Rate of 21.8 per 1,000 of the population, as compared with 23.1 per 1,000 of the previous year.

TABLE 1.

Showing Births in Wards :—

	East Ward	West Ward	South Ward	Total
1st Quarter	44	34	15	93
2nd Quarter	52	34	33	119
3rd Quarter	33	31	26	90
4th Quarter	53	26	15	94
Totals 1945	182	125	89	396
„ 1944	226	118	70	414
„ 1943	182	136	79	397
„ 1942	176	141	59	376
„ 1941	166	131	57	354
„ 1940	152	97	49	317
„ 1939	128	111	75	314
„ 1938	146	115	61	322
„ 1937	155	101	67	323
„ 1936	145	104	69	318

Unfortunately there was a slight decrease in the birth rate during the past year as compared with the rise 1939-1944.

Birth Rate in Wards for the last 10 years :—

		East Ward.		West Ward.		South Ward.
1945	....	23.5	....	19.5	....	22.3
1944	....	22.1	....	22.2	....	22.2
1943	....	29.5	....	18.7	....	17.7
1942	....	22.5	....	22.0	....	14.8
1941	....	19.1	....	19.6	....	13.7
1940	....	18.9	....	14.7	....	11.9
1939	....	14.9	....	15.8	....	17.3
1938	....	17.0	....	17.2	....	14.4
1937	....	18.1	....	15.3	....	16.2
1936	....	17.0	....	16.1	....	16.8

Birth Rate for the whole district for the last 10 years :—

1945	....	21.8 per 1,000 of the population.			
1944	....	23.1	„	„	
1943	....	22.1	„	„	
1942	....	20.6	„	„	
1941	....	18.6	„	„	
1940	....	16.9	„	„	
1939	....	15.7	„	„	
1938	....	16.5	„	„	
1937	....	16.7	„	„	
1936	....	16.6	„	„	

Deaths and Death Rate.

There were 204 deaths recorded in 1945.

Males		119	Females		85
-------	------	-----	---------	------	----

This gives us an annual death-rate of 11.2 per 1,000 of the population.

The classification of deaths is as follows :—

	Male.	Female.	Total.
Cerebro Spinal Fever....	1	0	1
Whooping Cough	1	0	1
Scarlet Fever	0	0	0
Diphtheria	0	0	0
Tuberculosis of the respiratory system	7	2	9
Other forms of Tuberculosis	1	0	1
Syphillitic Diseases	0	0	0
Influenza	0	1	1
Measles	1	1	2
Cancer of oesphagous and uterus	0	1	1
„ stomach and duodenum	2	3	5
„ breast	0	3	3
„ all other sites	7	11	18
Diabetes	0	1	1
Intracranial vascular lesions	9	13	22
Other diseases of the circulatory system	3	0	3
Heart diseases	32	14	46
Bronchitis	18	2	20
Pneumonia	8	4	12
Other Respiratory diseases	1	2	3
Ulcer of stomach and duodenum	1	1	2
Diarrhoea under 2 years	2	0	2
Appendicitis	1	0	1
Other digestive diseases	0	5	5
Nephritis	3	0	3
Premature Birth	0	3	3
Congenital malformations, etc.	1	3	4
Suicide	2	0	2
Road Traffic Accidents	1	2	3
Other Violent Causes	5	3	8
All other causes	12	10	22
	119	85	204

There is nothing needing special comment with regard to the deaths.

TABLE II.

Showing Deaths in Wards at all ages :—

	East Ward	West Ward	South Ward	Totals
1st Quarter	38	21	7	66
2nd Quarter	22	20	7	49
3rd Quarter	14	9	9	32
4th Quarter	31	13	13	57
Totals 1945	105	63	36	204
„ 1944	101	62	38	201
„ 1943	91	77	37	205
„ 1942	84	71	41	196
„ 1941	89	92	36	217
„ 1940	103	71	49	223
„ 1939	106	75	40	221
„ 1938	89	59	38	186
„ 1937	100	63	61	224
„ 1936	108	71	43	222

Death Rate for the whole district for the last ten years :—

1945	....	11.2	per 1,000	of the population.
1944	....	11.2	„	„
1943	....	11.4	„	„
1942	....	10.7	„	„
1941	....	11.4	„	„
1940	....	11.9	„	„
1939	....	11.1	„	„
1938	....	9.5	„	„
1937	....	11.6	„	„
1936	....	11.6	„	„

Infantile Mortality.

There were 18 deaths of Infants registered during the year. Of these 9 were boys and 9 girls.

This gives an infantile mortality of 47.8 per 1,000 live births, as compared with 40.7 of the previous year.

The classification of deaths is as follows :—

Premature Births	....	....	....	3
Pneumonia	....	....	....	6
Bronchitis	....	....	....	1
Actelectedasis	....	....	....	1
Congenital Heart	....	....	....	1
Whooping Cough	....	....	....	1
Gastro-enteritis	....	....	....	1
Spina Bifida	....	....	....	1
Inanition	....	....	....	1
Tuberculous Menigitis	....	....	....	1
Peritonitis	....	....	....	1

Infantile Mortality occurring in Wards :—

			East Ward.	West Ward.	South Ward.
First Quarter	....	....	2	2	0
Second Quarter	....	....	1	0	1
Third Quarter	....	....	1	0	1
Fourth Quarter	....	....	5	3	2
			<u>9</u>	<u>5</u>	<u>4</u>

Infantile Death Rate in Wards :—

			East Ward.	West Ward.	South Ward.
1945	....		52.3	42.0	47.0
1944	....	....	35.3	67.7	0.0
1943	....	....	50.8	60.6	80.0
1942	....	....	71.4	44.1	53.5
1941	....	....	70.5	72.5	87.7
1940	....	....	98.6	30.9	61.2
1939	....	....	82.6	56.6	84.5
1938	....	....	103.0	88.0	90.0
1937	....	....	51.6	89.1	89.5
1936	....	....	82.7	115.3	43.4

Infantile Mortality for the whole district for the last ten years per 1,000 births :—

1945	....	47.8	1940	....	70.0
1944	....	40.7	1939	....	73.8
1943	....	59.8	1938	....	76.4
1942	....	58.3	1937	....	74.4
1941	....	74.1	1936	....	84.9

Infantile Mortality for the district in ten year periods since 1914 :—

1914	....	111.7 per 1,000.
1924	....	113.0 per 1,000
1934	....	80.9 per 1,000
1944	....	40.7 per 1,000

This is very interesting, showing the definite advantages that have been gained from the formation of such a service.

Section B.

General Provision of Health Services in the Area.
Maternity and Child Welfare. Health Visitors' Report.

Live Births Registered :—

	Males.	Females.	Total.
Legitimate	170	184	354
Illegitimate	16	6	22

Still Births :—

Legitimate	8	9	17
Illegitimate	3	0	3

Births Notified :—389.

	Males.	Females.
Legitimate	168	192
Illegitimate	9	4
Still-births	10	6

Local Notification by Doctors 25. By Midwives 286.

Infantile Deaths 18 Rate per 1,000 births 47.8.

Males 9 Females 9 Total 18.

Total number of visits :	To Expectant Mothers	....	142
	To newly born	....	343
	To infants under 1 year	....	1432
	To children over 1 & under 5 years		3741

The above consists of work done in the two districts into which the work is divided.

Miss Tideswell.

Miss Bradley.

First Visits	146	First Visits	197
Re-visits (under 1 year)	574	Re-visits (under 1 year)	516
Re-visits 1 to 5 years	1621	Re-visits 1 to 5 years	2120
Ante-Natal, first visits	23	Ante-Natal, first visits	34
Homes visited	1877	Homes visited	2261

Child Welfare Clinic.

These are held in the Clinic Building, Urban Road. There were 96 sessions held during the year. The total attendances at all sessions were 5511. Of these 2804 were children under 1 year, and 2155 were between 1 and 5 years of age. Of the children

attending the Clinic for the first time during 1945, 301 were under 1 year of age, and 36 were between 1 and 5 years of age. The attendances made by the children from South Ward were 552.

Doctors' consultations at all Child Welfare sessions totalled 263.

82 Children made 319 attendances at the Orthopaedic Clinic, Mansfield.

The number of midwives practising in the area is 6.

Distribution of Food, Etc., 1945.

Goods sold during the year :—

					£	s.	d.
13261 lbs. Cow & Gate....	....	....	....	....	1215	11	10
5179 lbs. Ostermilk	....	....	....	....	491	0	3
491 lbs. Ambrosia	....	....	....	....	45	0	2
6584 tins Ovaltine	....	....	....	....	521	4	8
831 tins Virol ....	....	....	....	....	45	0	3
40 tins Colact	....	....	....	....	3	10	4
572 tins Maltoline	....	....	....	....	38	2	8
2409 tins Trufood	....	....	....	....	339	12	1
534 tins Lactagol	....	....	....	....	33	7	6
3306 Adexolin Capsules	....	....	....	....	83	13	0
432 bottles Cod Liver Oil	....	....	....	....	73	8	0
13776 packets I.C.D. Tablets	....	....	....	....	10	5	0
113 Maternity Outfits	....	....	....	....	34	3	7
					£2882 19 4		

Goods sold during 1945 amounted to £2882 19s 4d., compared with £2743 18s. 3d. for 1944 and £2899 6s. 10d. for 1943.

Goods given away in cases of distress :—

					£	s.	d.
131 lbs. Cow & Gate	....	....	....	....	12	0	3
160 lbs. Ostermilk	....	....	....	....	15	0	7
21 tins Maltoline	....	....	....	....	1	8	0
5 tins Ovaltine	....	....	....	....		7	11
16 lbs. Ambrosia	....	....	....	....	1	9	4
					£30 6 0		

Goods given away in 1945 cost £30 6s. 0d., against £18 2s. 6d. in 1944.

Ante-Natal Clinic.

Fifty-two sessions were held during the year 1945, and 310 individual mothers visited the Clinic, making a total of 548 attendances. This works out at 78.2% of the expectant mothers in the district who have availed themselves of the facilities given by the Clinic.

Of the 310 cases, we had to send 13 to a specialist for further advice, in other words, about 4.1% of the cases.

24 Mothers with complications in child bearing were sent to the Women's Hospital, Nottingham. 45 Mothers were sent to the Mansfield and Basford Institutions owing to "unsuitable home conditions" and 5 cases were sent for X-Ray.

Maternity and Child Welfare Dental Services.

By arrangement with the County Council, one of the School Dental Officers employed by the County Council undertakes dental treatment for the Urban District Council.

He holds one session a week at the Clinic, and the work consists of extractions, fillings, X-rays, and dentures, available to expectant and nursing mothers and young children.

Details of the work done during 1945 is as follows :—

A. EXPECTANT AND NURSING MOTHERS—

Number of patients treated	....	....	....	102
Number of Teeth filled	....	....	....	10
Number of Teeth extracted	....	....	....	302
Number of patients supplied with dentures				40
Number of dentures supplied	....	....	....	46

B. CHILDREN UNDER FIVE YEARS—

Number treated	....	....	....	22
Number of Teeth filled	....	....	....	Nil
Number of Teeth extracted	....	....	....	44

Sanitary Circumstances of the Area.

Section C.

1.—WATER.

The district is supplied from the Council's Waterworks situated on Blidworth Road, with the exception of the Butterly Colliery Company's Estate, which is supplied from their own works. Some houses on the outskirts of the district adjoining Selston are supplied from the Nottingham Corporation's mains.

There are 10 isolated cottages which are not connected to a town supply.

During the year the acute shortage in the water supply continued. Borings were commenced for an additional water supply.

During the year the quarterly reports of the Chemical and Bacteriological examinations showed that the quality and purity of the water supply has been maintained.

The Chlorination plants in the Council's pumping station as well as those of the Butterly Colliery Co., are working satisfactorily.

2.—SEWERAGE.

Nothing noteworthy to mention.

Section D.

Housing.

Erection of New Houses.

Number of new houses erected during the year			Nil
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1.—Inspection of Dwelling-houses during the year.

(1)	(a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)....			85
	(b)	Number of inspections made for the purpose			220
(2)	(a)	Number of dwelling-houses (included under sub-head (1) above, which were inspected and recorded under the Housing Consolidated Regulations, 1936	....	....	9
	(b)	Number of inspections made for the purpose			17

(3)	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	....	....	Nil
(4)	Number of dwelling-houses (exclusive of those referred to under the preceeding sub-head) found not to be in all respects reasonably fit for human habitation	....	....	85

2.—Remedy of Defects during the year without service of formal Notices.

	Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers			40
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3.—Action under Statutory Powers during the year.

A.—Proceedings under Sections 9, 10 & 16 of the Housing Act, 1936 :—

(1)	Number of dwelling-houses in respect of which notices were served, requiring repairs			9
(2)	Number of dwelling-houses which were rendered fit after service of formal notice :—			
(a)	By owners	....	....	Nil
(b)	By Local Authority in default of owners			Nil

B.—Proceedings under Public Health Acts.

(a)	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	....	....	33
(2)	Number of dwelling-houses in which defects were remedied after service of formal notices:—			
(a)	By owners	....	....	29
(b)	By Local Authority	....	....	Nil

C.—Proceedings under Sections 11 and 13 of the Housing Act, 1936.

(1)	Number of dwelling-houses in respect of which Demolition Orders were made	....	....	Nil
(2)	Number of dwelling-houses demolished in pursuance of Demolition Orders	....	....	Nil

D.—Proceedings under Section 12 of the Housing Act, 1936.

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	....	....	....	....	Nil
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	....	....	....	....	Nil

Housing Act, 1936.—Overcrowding.

Owing to the movement of population during the war and the lapse of time since the overcrowding survey, complete figures cannot be given. The cases known to the department are as follows :—

(a) (i) Number of dwellings overcrowded at the end of the year	....	....	....	....	....	17
(ii) Number of families dwelling therein	....	....	....	....	....	25
(iii) Number of persons dwelling therein	....	....	....	....	....	111
(b) Number of new cases of overcrowding reported during the year	....	....	....	....	....	9
(c) Number of cases of overcrowding relieved during the year	....	....	....	....	....	7
(d) Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding						Nil

The time is now opportune to make a generalised statement upon the Housing conditions existing in the district.

The standard of housing of the working class population has deteriorated considerably since 1939, both as regards the condition of repair and overcrowding.

This has been brought about by the abnormal conditions which prevailed throughout the war and is chiefly due to the following factors :—

1. The cessation of building new houses.
2. The postponement of slum clearance schemes.
3. The shortages of labour and certain materials for repair work.

It will be necessary to carry out a comprehensive Housing survey of the district in order to ascertain the nature of the action to be taken. We estimate that over 200 houses will have to be considered for demolition, and a large number of others for thorough reconditioning and repair.

Complete figures regarding the over-crowding position are not available owing to the lapse of time since the overcrowding survey was carried out in 1936. It is essential therefore that the district should be re-surveyed in order to obtain the necessary information.



*Section E.***INSPECTION AND SUPERVISION OF FOOD.**

(a) MILK SUPPLY. (See Sanitary Inspector's Report).

(b) MEAT & OTHER FOODS. „ „

(c) ADULTERATION, ETC.

Extract from Report of the County Inspector.

Article.			Result of Analysis.
Baking Powder	....	....	The sample conformed to the Food Standards (Baking Powder and Golden Raising Powder) Order, 1944.
Coffee and Chicory Essence	....	....	Genuine. Free from preservatives
Gelatine	....	....	The sample was of a reasonable degree of purity.
Ginger, Ground	....	....	Genuine.
Jam, Plum, Tinned	....	....	Genuine.
Lime Flavour Cordial	....	....	Genuine.
Semolina	....	....	Genuine.
Sweet Pickle	....	....	The sample was Genuine. It was free from preservative and metallic contamination.
Tonic Fluid Food	....	....	Genuine.
Vanilla, Essence of	....	....	Genuine. Free from deleterious ingredients.

*Section F.***Prevalence of and Control of Fever, Infectious and Other Diseases.**

During the year we had 71 cases of Infectious Diseases compared with 143 of the previous year, also 24 cases of Whooping Cough and 98 cases of Measles.

There were only two cases of Diphtheria during the year as compared with 31 in 1944.

Of the two cases of Diphtheria one was under 5 years and one 15 to 25 years of age, both were un-immunised but both made a good recovery.

TABLE I.

Showing Notifiable Zymotic Diseases :—

	Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and upwards	Totals
Pneumonia	...	2	4	5	7	6	1	25
Erysipelas ...	...	...	...	...	...	...	1	1
Scarlet Fever	...	15	17	7	2	...	...	41
Diphtheria	...	1	...	1	...	...	...	2
Cerebro Spinal Meningitis	2	...	...	...	...	...	...	2
	3	18	21	13	9	6	2	71

TABLE II.

Showing Zymotic Diseases occurring in Wards :—

		East Ward	West Ward	South Ward	Totals
Scarlet Fever	...	15	15	11	41
Erysipelas	...	...	1	...	1
Pneumonia	...	16	6	3	25
Diphtheria	...	...	1	1	2
Cerebro Spinal Meningitis	...	...	...	2	2

TABLE III.

Showing Notifiable Diseases occurring in months :—

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Scarlet Fever	1	2	8	2	6	...	6	4	5	3	2	2	41
Pneumonia	3	2	4	2	1	1	1	2	...	2	2	5	25
Erysipelas	1	...	...	...	...	...	...	...	...	...	...	...	1
Diphtheria	1	...	...	...	...	...	...	...	1	...	...	...	2
Cerebro Spinal Meningitis	...	...	...	...	...	...	...	...	...	...	...	2	2

Disease	Total Cases Notified	Cases Admitted to Hospital	Total Deaths
Small Pox	Nil	Nil	Nil
Scarlet Fever	41	12	„
Diphtheria	2	1	„
Enteric Fever (incl. Paratyphoid)	Nil	Nil	„
Puerperal Fever	„	„	„
Puerperal Pyrexia	„	„	„
Pneumonia	25	„	12
Dysentery	Nil	„	Nil
Erysipelas	1	„	„
Cerebro Spinal Meningitis ...	2	1	1

Diphtheria Prophylaxis.

Statistics for Diphtheria Immunisation to December 31st, 1945.

	Under 5.	5-15 Years.	Total.
Completed Treatment :			
Under Scheme of Local Authority	322	102	424
By Private Practitioners	2	0	2
	<u>324</u>	<u>102</u>	<u>426</u>
Percentage of School Children Immunised ....	....	....	88.7%
Percentage of Children 1-5 years Immunised	....	....	75.1%
Number of Children who failed to complete the course of Immunisation ....	....	....	16

There were 24 sessions held during the year in connection with Immunisation.

575 School Children were given a third injection.

Scabies Order, 1941.

During the year 75 cases of Scabies were reported to the Department by medical practitioners. Of these cases none had to receive hospital treatment, all being given Benzyl Benzoate for home treatment.

PEDICULOSIS.

Two cases of Pediculosis were notified during the year and received treatment.

TABLE IV.

Age Period	NEW CASES				DEATHS			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0	...		1	0	...		1	0
1	...		0	1	...		1	0
5	...		1	0	...		...	
10	1	1	...		...		...	
15	1	2	...		...		...	
20	0	4	...		...		...	
25	1	1	...		3	2	...	
35	1	0	...		4	0	...	
45	2	0	...		...		...	
55	0	1	...		...		...	
65 upwards	...		...		...		...	
	6	9	2	1	7	2	2	0

It was not found necessary to take action under the Public Health (Prevention of Tuberculosis Regulations) 1925, or under Section 172, Public Health Act, 1936.

FACTORIES.

1.—Inspections for purposes of provisions as to health.

Including inspections made by the Sanitary Inspector.

Premises (1)	Number of		
	Inspection (2)	Written Notices (3)	Occupiers prosecuted (4)
Factories with mechanical power	8	1	Nil
Factories without mechanical power ...	15	...	Nil
Other premises under the Act (including works of building and engineering construction, but not including outworkers' premises)	...	...	Nil
TOTAL ...	23	1	Nil

2.—Defects found.

Particulars	Number of Defects			Number of defects in respect of which prosecutions were instituted
	Found	Remedied	Referred to H.M. Inspector	
Want of Cleanliness ...	...	...	...	...
Overcrowding ..	...	...	...	...
Unreasonable temperature	...	...	...	...
Inadequate ventilation ...	...	...	...	...
Ineffective drainage of floors ...	...	...	...	...
Sanitary Conveniences—				
Insufficient ...	...	...	...	...
Unsuitable or Defective ...	1	1	...	...
Not separate for sexes ...	...	...	...	...
Other offences ...	...	...	...	...
(Not including offences relating to Home Work or offences mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1929, and re-enacted in the Third Schedule to the Factories Act, 1937)				
TOTAL ...	1	1	Nil	Nil

In conclusion, I wish to thank your Sanitary Inspector, Mr. I. M. Massey, for his collaboration in this Report, and the rest of the Public Health Staff for their help, and the other Officials for supplying all information pertinent to the Report.

I am, Madam and Gentlemen,

Your obedient Servant,

M. E. KAYTON,
Medical Officer of Health.



Report of the Senior Sanitary Inspector

For the Year ended 31st December, 1945.

I beg to submit my seventh Annual Report as your Senior Sanitary Inspector.

In accordance with instructions the report will contain only the essential facts and statistics.

HOUSING.

Housing repair work was again greatly restricted during 1945, but every effort was made to remedy the more serious defects. The shortage of labour and certain materials hindered the department in obtaining compliance with notices.

85 houses were inspected during the year, and 69 were repaired.

DRAINAGE AND SANITARY WORK.

The duties of the Department include the sanitary supervision of these works, the investigation of complaints relating to them, and the testing and inspection of new and old drainage. During the year 14 new drains were tested with the water test before being filled in.

467 Complaints were received relating to choked drains.

43 Drains were repaired or reconstructed following examinations as a result of complaints or for other reasons.

RIVERS AND STREAMS.

An Inspector is employed by the County Council to supervise the purity of rivers and streams.

CLOSET ACCOMMODATION.

The closet accommodation of the district at the end of the year was as follows :—

Water Closets	....	....	....	....	5514
Pail Closets	....	....	....	....	30

DISINFECTION.

59 Houses were disinfected after the occurrence therein of Infectious Disease. This work is done immediately on notification by the Medical Practitioner attending the case.

37 Consignments of bedding and clothing were treated at the Council's Steam Disinfector following Infectious Disease.

A number of library books were also disinfected during the year after being in contact with Infectious Disease.

DISINFESTATION.

17 houses were disinfested for verminous conditions.

KEEPING OF SWINE AND OTHER ANIMALS.

Householders were encouraged during war-time to keep swine. Inspections are made in order to detect any nuisance arising therefrom. 31 Inspections were made and several unsatisfactory conditions remedied.

PETROLEUM ACTS AND REGULATIONS.

My duties include those of Petroleum Inspector. During the year 22 licences were granted for the storage of Petroleum Spirit and the income derived therefrom was £12 10s. 0d.

NOTICES AND PROCEEDINGS.

During the year there were 369 preliminary notices and 98 statutory notices issued, of which 439 were complied with, the remainder being carried forward to 1946.

There were 126 interviews with owners of property during the year.

Complaint was made to a Court of Summary Jurisdiction regarding the non-compliance with abatement notices under section 93, Public Health Act, 1936 served upon the owner of three houses in the district. The Court made Nuisance Orders requiring the works to be executed within 6 weeks and imposed a fine of £1 and costs in each case. The works were subsequently executed by the owner.

PUBLIC MORTUARY.

The Council possess a public mortuary which is maintained by the Department.

It is only a temporary type of building and unsatisfactory in many respects. It is essential that more suitable premises with adequate facilities should be provided as soon as circumstances permit.

COMPLAINTS.

The following is a list of complaints received by the Department during the year.:—

Drain blockages	....	....	....	....	471
Defective housing conditions	....	....	....	....	60
Overcrowding	....	....	....	....	15
Dirty or verminous houses	....	....	....	....	4
Defective W.C's.	....	....	....	....	62
Defective drainage	....	....	....	....	34
Rat Infestation	....	....	....	....	7
Nuisance from the keeping of animals	....	....	....	....	10
Overflowing cesspools	....	....	....	....	1
Accumulation of offensive material	....	....	....	....	6
Flooding premises	....	....	....	....	3
Defective drainage	....	....	....	....	15

INSPECTIONS DURING 1945.

Inspected under Public Health Acts	....	76
Inspections made for the purpose	....	203
Dwellinghouses inspected under the Housing Acts	....	9
Inspections made for the purpose	....	17
Inspected after cases of Infectious Diseases	....	39
Inspected re-overcrowding	....	25
Inspections of verminous premises	....	40
Inspections of sanitary conveniences, ashes receptacles, etc.	....	366
Cowsheds and Dairy Inspections	....	107

DRAINAGE.

New drains approved	....	....	....	14
New drains disapproved	....	....	....	5
Old drains inspected or tested	....	....	....	116

MISCELLANEOUS.

Refuse Tips	....	....	....	....	104
Foodshops	....	....	....	....	80
Offensive Trades	....	....	....	....	5
Bakehouses	....	....	....	....	14
Water samples taken for analysis	....	....	....	....	4
Factories, etc.	....	....	....	....	23
Piggeries	....	....	....	....	31
Shops	....	....	....	....	3
Rats and Mice Infestation Order	....	....	....	....	49
Accumulation of Refuse	....	....	....	....	12
Overflowing of cesspools	....	....	....	....	1
Keeping of animals	....	....	....	....	14
Interviews with owners					126

SANITARY IMPROVEMENTS EFFECTED.

Notices complied with				439
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HOUSING.

Defective roofs repaired				32
Walls repointed				37
Chimney stacks repointed				17
Rainwater fall pipes and eaves gutters repaired or renewed	....	....	....	33
Window frames repaired or renewed	....	....	....	9
Defective doors repaired or renewed	....	....	....	14
Window cords renewed	....	....	....	16
Chimney pots renewed	....	....	....	2
Washing coppers renewed	....	....	....	15
Defective fireranges repaired or renewed	....	....	....	17
Floors repaired or renewed	....	....	....	13
Damp proof courses inserted	....	....	....	5
Plaster renewed	....	....	....	14

Hot water circulation pipes repaired	3
Insanitary sinks replaced by glazed earthen- ware sinks	4
Yards or passages repaved	7
Dustbins renewed	267

DRAINAGE.

Blockages removed from drains by Council	467
Drains repaired or reconstructed	43
Defective Inspection Chambers repaired	8
Insanitary gullies repaired	3
Ventilating pipes renewed	2

WATERCLOSETS.

Defective W.C. basins replaced	25
Water service pipes to W.C's. repaired	58
Defective joints repaired	9
W.C. seats renewed	3
Walls repaired	1
Flushing cisterns repaired or renewed	5

GENERAL.

Nuisance from keeping of animals abated	10
Piggeries reconstructed or improved	11
Rat Infestations abated	9

FABRIKES.

W.C's. repaired	1
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COWSHEDS & DAIRIES.

New cowsheds constructed	1
New Dairy constructed	1
Steriliser provided	1
Minor improvements	6

Food Inspection and Supervision.

MEAT INSPECTION.

One slaughterhouse in the Urban District is used for the killing of pigs. In addition a number of visits were made to

inspect householders' pigs which had been killed following authorisation by the Food Executive Officer.

There are 22 meat shops in the district.

Food Inspected and Condemned 1945.

Visits to inspect pigs	....	....	....	239
Number of pigs inspected	....	....	....	3701

AFFECTED WITH TUBERCULOSIS.

- 10 Pigs' Carcases and all internal organs.
- 10 Pigs' forequarters.
- 2 Pigs' hindquarters.
- 11 Pigs' heads and necks.
- 241 Pigs' heads.
- 137 Pigs' plucks.
- 17 Pigs' lungs.
- 179 Pigs' mesenteries.

Weight affected 5,701 lbs.

AFFECTED WITH OTHER DISEASES OR UNSOUND CONDITIONS.

- 1 Pigs' carcase and all internal
organs Pyaemia.
- 58 Pigs' plucks Hydatid cysts.
- 67 Pigs' livers Cirrhosis.
- 8 Pigs' livers Abscesses.
- 71 Pigs' kidneys Cysts.

Weight affected 933 lbs.

Being a total weight affected of 6,634 lbs. or 2 tons 19 cwts., 26 lbs.

OTHER FOOD CONDEMNED.

- 1 Tin Pork Luncheon Meat.
- 4 Tins Ready Made Meals.
- 3 Tins Baked Beans.
- 262 lbs. Beef.
- 8 Tins Jam.
- 11 lbs. Bacon.
- 6 stones Smoked Fillets.

6 stones Smoked Haddock.
 1 Tin Crisps.
 1½ lbs. Cheese.
 1 Tin Milk.
 1 Tin Chopped Ham.
 6 lbs. Biscuits.
 3½ lbs. Lard.
 2 lbs. Butter.
 2½ lbs. Margarine.
 14 lbs. Sugar.
 6 lbs. Tea.
 2 Tins Peas.

SLAUGHTER OF ANIMALS ACT, 1933.

There are 22 licensed slaughtermen in the district.

MILK SUPPLY.

There are 37 dairy farms and 57 retail purveyors in the district.

The following milks are retailed in the district :—

Accredited Milk.
 Pasteurised Milk.
 Ordinary Raw Milk.
 Tuberculin Tested Milk.

107 Visits were paid to Cowsheds and Dairies in the area in connection with the Milk & Dairies Order, and some unsatisfactory conditions were remedied following informal action.

Public Cleansing.

This report covers the period ending March 31st, 1946.

TRANSPORT.

Transport units of the Cleansing Department comprise the following :—

1 Karrier Bantam ....	....	7 cubic yards capacity.
1 S.D. Freighter ....	....	7 cubic yards capacity.
1 Dennis ....	....	7 cubic yards capacity.
1 Bedford side-loading vehicle	2 tons.	
1 Tumbler cart for night-soil work.		

A horse is hired for one half-day per week for work with the tumbler cart for the collection of nightsoil in the unsewered parts of the area.

STAFF.

The personnel of the Department is as follows :—

Foreman, who is also motor driver	....	1
Motor Drivers	.... ....	4
Engineer (Destructor)	.... ....	1
Wheeler and Filler (Destructor)	....	1
Loaders, Tip Attendants, etc.	....	14
Disinfector, etc.	.... ....	1
General duties, drainage work, etc.	....	1
		23

3 Youths are engaged on Salvage work.

REFUSE COLLECTION.

A weekly collection of household refuse was maintained throughout the year.

Collection is carried out by the Karrier and Dennis on the relay system, a team of 11 men to the two vehicles. The Bedford lorry is used for collecting refuse from the outer districts and for other work in the Department.

During the year 2,751 loads of refuse comprising 6,835 tons 8 cwts. were collected. (This tonnage figure is estimated from periodic test weighings.)

ANALYSIS IN WARDS OF REFUSE COLLECTED.

		East Ward.			West Ward.		
		Loads.	Tons	Cwts.	Loads.	Tons	Cwts.
1st Quarter	....	224	532	15	209	507	16
2nd Quarter	....	268	666	6	236	564	14
3rd Quarter	....	323	787	2	259	640	4
4th Quarter	....	359	921	18	278	702	6
		1174	2908	1	982	2415	0

		South Ward.			Total.		
		Loads.	Tons	Cwts.	Loads	Tons	Cwts.
1st Quarter	....	117	291	1	550	1331	12
2nd Quarter	....	155	395	1	659	1626	1
3rd Quarter	....	158	407	11	740	1834	17
4th Quarter	....	165	418	14	802	2042	18
Total	....	<u>595</u>	<u>1512</u>	<u>7</u>	<u>2751</u>	<u>6835</u>	<u>8</u>

SALVAGE.

The following is a list of salvaged articles collected during the year :—

		Tons.cwts.qrs. lbs.				£	s.	d.
Waste Paper	....	....	60	6	3	....	387	13 10
Bones and Waste Food	....	....	9	5	2	....	13	8 8
Rags and Bagging	....	....	3	5	0	....	44	5 0
Jars, Bottles, etc.	....	....	3	17	2	....	5	19 11
		<u>76 14 3</u>				....	<u>£451</u>	<u>7 5</u>

This compares unfavourably with the figures for 1944 when the total amount of salvage collected was 111 tons 1 cwt. yielding an income of £714 0s. 3d.

Refuse Disposal.

DESTRUCTOR.

595 loads or 1,223 tons of refuse were disposed of by burning in the 3-cell refuse destructor.

492 loads, or 953 tons, 5 cwts. of clinker were removed from the destructor to the Lime Street tip.

These figures illustrate the inefficiency of the destructor in dealing with the present type of refuse which has contained far less combustible material since the fuel shortage.

TIPS.

Tipping was carried on during the year at the Lane End tip.

2,256 loads, or 5,612 tons 8 cwts. of refuse were tipped. This is approximately 82% of the total refuse collected.

During the year a sub-committee was appointed to consider the question of future tipping ground. It was recommended that tipping be extended to the west of the present tip and also to the south side, on the land previously purchased from the L.M.S. Railway Co. It was recommended that enquiries be made regarding the purchase of two fields to the south of the G.N. Railway.

DEPOT.

It is essential that improved washing facilities should be provided for the employees of the department as soon as this becomes practicable.

INCOME.				£	s.	d.
Sale of salvaged materials	....	....	....	451	7	5
Income from Collection of Trade Refuse	....			26	0	0
				<u>£477 7 5</u>		

CONCLUSION.

I should like to thank Dr. M. E. Kayton, who has always been ready to help me and support any suggestions put forward to bring about improvements.

I should also like to thank members of the staff for their ready assistance during the year.

I am,

Your obedient Servant,

I. M. MASSEY,
Senior Sanitary Inspector.

